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WHAT IS CLAIMED IS

1. A method for synthesizing speech with an apparatus comprising a sound source for generating a frequency signal, a vocal tract filter for filtering said frequency signal to generate a speech waveform signal, said filter having characteristics corresponding to a linear predictive coefficient calculated from respective phonemes in a phoneme series, comprising the steps of:

dividing said phonemes into a plurality of frames having a predetermined time length,

summing squares of speech samples in one of said plurality of frames for each frame as a frame power value,

standardizing frame power values at head and tail frames in one phoneme to predetermined values, respectively, to obtain a frame power value of an n-th frame,

summing squares of signal levels of a frame in said frequency signal to obtain a frame power correction value, and

providing a speech envelope signal by means of a function having variables of said standardized frame power values and said frame power correction value, and adjusting an amplitude level of said speech waveform signal as a function of the speech envelope signal.

2. A method according to claim 1, further comprising:

providing power frequency characteristics based on said linear predictive coefficient corresponding to said n-th frame,

calculating an average value of power values sampled from said power frequency characteristics at a predetermined

frequency interval as a mean frame power value,
calculating a speech waveform signal by means of a
function having variables of said standardized frame power
value, said frame power correction value and said mean frame
power value, and

adjusting an amplitude of said speech waveform signal as
a function of said speech envelope signal.

3. A method according to claim 2, wherein said function
is expressed;

$$V_m = \sqrt{P_n / (G_s G_f)}$$

wherein P_n is said standardized frame power value, G_s is said
frame power correction value, and G_f is said mean frame power
value.

4. A method according to claim 1, wherein said frequency
signal includes an impulse signal carrying a voiced sound and
a noise signal carrying an unvoiced sound.